

Recombinant Human PLA2G4D protein, His & GST-tagged

Cat. No. PLA2G4D-1421H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2G4D aa. (Pro9~Leu120 (Accession # Q86XP0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro9~Leu120
Description	The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al., 2004 [PubMed 14709560]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	4.7

GENE INFORMATION

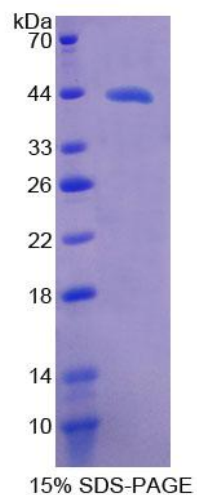
Gene Name	PLA2G4D phospholipase A2 group IVD [Homo sapiens (human)]
Official Symbol	PLA2G4D
Synonyms	PLA2G4D; phospholipase A2 group IVD; cPLA2delta; cytosolic phospholipase A2 delta; cPLA2-delta; phospholipase A2 delta, cytosolic; phospholipase A2, group IVD (cytosolic)
Gene ID	283748
mRNA Refseq	NM_178034.3
Protein Refseq	NP_828848.3
UniProt ID	Q86XP0

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SDS-PAGE



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